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0	For receiving Office use only		
0-1	International Application No.		
0-2	International Filing Date		
0-3	Name of receiving Office and "PCT International Application"		
0-4	Form PCT/RO/101 PCT Request		
0-4-1	Prepared Using	PCT-SAFE [EASY mode]	
		Version 3.50 (Build 0002.162)	
0-5	Petition The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty		
0-6	Receiving Office (specified by the applicant)	Japan Patent Office (RO/JP)	
0-7	Applicant's or agent's file reference	P34293-P0	
1	Title of Invention	METHOD FOR OPTIMIZATION OF AN ORDER FOR COMPONENT MOUNTING AND APPARATUS FOR OPTIMIZATION OF AN ORDER FOR COMPONENT MOUNTING	
II	Applicant		
II-1	This person is	applicant only	
11-2	Applicant for		
11-4	Name	all designated States except US	
II-5	Address	MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. 1006, Oaza Kadoma, Kadoma-shi, Osaka 5718501	
11.6		Japan	
II-6 	State of nationality	JP	
11-7	State of residence	JP	
III-1	Applicant and/or inventor		
III-1-1	This person is	applicant and inventor	
III-1-2	Applicant for	US only	
III-1-4	Name (LAST, First)	MAENISHI, Yasuhiro	
III-1-5	Address	, rasunito	
III-1-6	State of nationality		
III-1-7	State of residence		

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111-2	Applicant and/or inventor	
111-2-1	This person is	applicant and inventor
111-2-2	Applicant for	US only
111-2-4	Name (LAST, First)	YAMAZAKI, Takuya
111-2-5	Address	TATABARI, TAKUYA
111-2-6	State of nationality	
III-2-7	State of residence	
111-3	Applicant and/or inventor	
111-3-1	This person is	annliant
III-3-2	Applicant for	applicant and inventor US only
111-3-4	Name (LAST, First)	YAMASAKI, Akihito
111-3-5	Address	
111-3-6	State of nationality	
111-3-7	State of residence	
111-4	Applicant and/or inventor	
III-4-1	This person is	annli cont
III-4-2	Applicant for	applicant and inventor US only
111-4-4	Name (LAST, First)	NISHIDA, Hiroyoshi
111-4-5	Address	MILDA, MITOYOSMI
111-4-6	State of nationality	
111-4-7	State of residence	
111-5	Applicant and/or inventor	
111-5-1	This person is	
111-0-1	The person is	lannligant and to .
III-5-1 III-5-2	Applicant for	applicant and inventor
	·	US only
III-5-2	Applicant for	
III-5-2 III-5-4	Applicant for Name (LAST, First) Address	US only
III-5-2 III-5-4 III-5-5	Applicant for Name (LAST, First)	US only
III-5-2 III-5-4 III-5-5 III-5-6	Applicant for Name (LAST, First) Address State of nationality	US only
III-5-2 III-5-4 III-5-5 III-5-6 III-5-7	Applicant for Name (LAST, First) Address State of nationality State of residence	US only YOSHIDA, Ikuo
III-5-2 III-5-4 III-5-5 III-5-6 III-5-7	Applicant for Name (LAST, First) Address State of nationality State of residence Applicant and/or inventor	US only YOSHIDA, Ikuo applicant and inventor
III-5-2 III-5-4 III-5-5 III-5-6 III-5-7 III-6	Applicant for Name (LAST, First) Address State of nationality State of residence Applicant and/or inventor This person is	US only YOSHIDA, Ikuo applicant and inventor US only
III-5-2 III-5-4 III-5-5 III-5-6 III-6-7 III-6-1 III-6-2	Applicant for Name (LAST, First) Address State of nationality State of residence Applicant and/or Inventor This person is Applicant for	US only YOSHIDA, Ikuo applicant and inventor
III-5-2 III-5-4 III-5-5 III-5-6 III-6-7 III-6-1 III-6-2 III-6-4	Applicant for Name (LAST, First) Address State of nationality State of residence Applicant and/or inventor This person is Applicant for Name (LAST, First) Address	US only YOSHIDA, Ikuo applicant and inventor US only
III-5-2 III-5-4 III-5-5 III-5-6 III-6-7 III-6-1 III-6-2 III-6-4 III-6-5	Applicant for Name (LAST, First) Address State of nationality State of residence Applicant and/or inventor This person is Applicant for Name (LAST, First) Address State of nationality State of residence	US only YOSHIDA, Ikuo applicant and inventor US only
III-5-2 III-5-4 III-5-5 III-5-6 III-5-7 III-6 III-6-1 III-6-2 III-6-4 III-6-5 III-6-6	Applicant for Name (LAST, First) Address State of nationality State of residence Applicant and/or Inventor This person is Applicant for Name (LAST, First) Address State of nationality	US only YOSHIDA, Ikuo applicant and inventor US only
III-5-2 III-5-4 III-5-5 III-5-6 III-5-7 III-6-1 III-6-2 III-6-4 III-6-5 III-6-6 III-6-7	Applicant for Name (LAST, First) Address State of nationality State of residence Applicant and/or inventor This person is Applicant for Name (LAST, First) Address State of nationality State of residence	US only YOSHIDA, Ikuo applicant and inventor US only KONISHI, Chikashi
III-5-2 III-5-4 III-5-5 III-5-6 III-5-7 III-6-1 III-6-2 III-6-4 III-6-5 III-6-6 III-6-7 III-7	Applicant for Name (LAST, First) Address State of nationality State of residence Applicant and/or Inventor This person is Applicant for Name (LAST, First) Address State of nationality State of residence Applicant and/or Inventor	US only YOSHIDA, Ikuo applicant and inventor US only KONISHI, Chikashi applicant and inventor
III-5-2 III-5-4 III-5-5 III-5-6 III-5-7 III-6-1 III-6-2 III-6-4 III-6-5 III-6-6 III-7-1 III-7-1 III-7-2 III-7-4	Applicant for Name (LAST, First) Address State of nationality State of residence Applicant and/or inventor This person is Applicant for Name (LAST, First) Address State of nationality State of residence Applicant and/or inventor This person is	US only YOSHIDA, Ikuo applicant and inventor US only KONISHI, Chikashi applicant and inventor US only
III-5-2 III-5-4 III-5-5 III-5-6 III-5-7 III-6-1 III-6-2 III-6-4 III-6-5 III-6-6 III-7-1 III-7-1 III-7-2 III-7-4 III-7-5	Applicant for Name (LAST, First) Address State of nationality State of residence Applicant and/or inventor This person is Applicant for Name (LAST, First) Address State of nationality State of residence Applicant and/or inventor This person is Applicant for Name (LAST, First) Address	US only YOSHIDA, Ikuo applicant and inventor US only KONISHI, Chikashi applicant and inventor
III-5-2 III-5-4 III-5-5 III-5-6 III-5-7 III-6 III-6-1 III-6-4 III-6-5 III-6-6 III-7-1 III-7-1 III-7-2 III-7-4 III-7-5 III-7-6	Applicant for Name (LAST, First) Address State of nationality State of residence Applicant and/or inventor This person is Applicant for Name (LAST, First) Address State of nationality State of residence Applicant and/or inventor This person is Applicant State of Name (LAST, First) Address State of nationality State of residence Applicant and/or Inventor This person is Applicant for Name (LAST, First) Address State of nationality	US only YOSHIDA, Ikuo applicant and inventor US only KONISHI, Chikashi applicant and inventor US only
III-5-2 III-5-4 III-5-5 III-5-6 III-5-7 III-6-1 III-6-2 III-6-4 III-6-5 III-6-6 III-7-1 III-7-1 III-7-2 III-7-4 III-7-5	Applicant for Name (LAST, First) Address State of nationality State of residence Applicant and/or inventor This person is Applicant for Name (LAST, First) Address State of nationality State of residence Applicant and/or inventor This person is Applicant for Name (LAST, First) Address	US only YOSHIDA, Ikuo applicant and inventor US only KONISHI, Chikashi applicant and inventor US only

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IV-1	Agent or common representative; or address for correspondence	
	The person identified below is hereby/	
	has been appointed to act on behalf of	agent
	the applicant(s) before the competent	
	International Authorities as:	
IV-1-1	/-1-1 Name (LAST, First) NII, Hiromori	
IV-1-2	Address	
		c/o NII Patent Firm, 3rd Floor, Shin-
		Osaka Suehiro Center Bldg., 11-26,
		Nishinakajima 3-chome, Yodogawa-ku
		Osaka-shi, Osaka
		5320011
11/40		Japan
IV-1-3	Telephone No.	06-4806-7530
IV-1-4	Facsimile No.	06-4806-7531
IV-1-5	e-mail	nii@niipatent.com
V V-1	DESIGNATIONS	
	The filing of this request constitutes under Rule 4.9(a), the designation of all Contracting States bound by the PCT on the international filing date, for the grant of every kind of protection available and, where applicable, for the grant of both regional and national patents.	
VI-1	Priority claim of earlier national	
VI-1-1	application Filing date	
VI-1-2	Number	01 September 2003 (01.09.2003)
VI-1-3		2003-308324
	Country	JP
VI-2	Priority document request	
	The receiving Office is requested to prepare and transmit to the International Bureau a certified copy of the earlier application(s) identified above as item(s):	VI-1
VII-1	International Searching Authority Chosen	European Patent Office (EPO) (ISA/EP)

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VIII	Declarations	Number of declarations	
VIII-1	Declaration as to the identity of the inventor	-	
VIII-2	Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent	-	
VIII-3	Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application		
VIII-4	Declaration of inventorship (only for the purposes of the designation of the United States of America)	-	
VIII-5	Declaration as to non-prejudicial disclosures or exceptions to lack of novelty	-	
IX	Check list	number of sheets	electronic file(s) attached
IX-1	Request (including declaration sheets)	5	
IX-2	Description	35	/
IX-3	Claims	5	-
IX-4	Abstract	1	
IX-5	Drawings	25	✓
IX-7	TOTAL		-
	Accompanying Items	71	
IX-8	Fee calculation sheet	paper document(s) attached	electronic file(s) attached
IX-9	Original separate power of attorney	✓	-
IX-17	PCT-SAFE physical media	✓	-
IX-18		-	✓
	other	patent revenue stamps	
IX-18	other	certificate of payment of international fee	
IX-18	other	certificate of payment of search fee	
IX-19	Figure of the drawings which should accompany the abstract	14	
IX-20	Language of filing of the international application	English	
X-1	Signature of applicant, agent or common representative		
X-1-1	Name (LAST, First)	NII, Hiromori	
X-1-2	Name of signatory	MILOMOTI	
X-1-3	Capacity		

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10-1	Date of actual receipt of the purported international application	
10-2	Drawings:	
10-2-1	Received	
10-2-2	Not received	
10-3	Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application	
10-4	Date of timely receipt of the required corrections under PCT Article 11(2)	
10-5	International Searching Authority	ISA/EP
10-6	Transmittal of search copy delayed until search fee is paid	
	FOR INTE	ERNATIONAL BUREAU USE ONLY
11-1	Date of receipt of the record copy by the International Bureau	